

FILE NOTATIONS

Entered in NYD File _____

Entered On S R Sheet _____

Location Map Pinned _____

Card Indexed _____

IWR for State or Fee Land _____

Checked By CNM _____

Copy NYD to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____

OW _____ WW _____ TA _____

GW _____ OS _____ PA _____

Location Inspected _____

Band released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ H-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

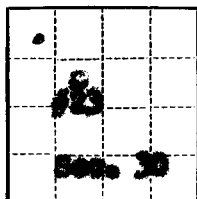
Supp H. K. E.

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake**

Lease No. **U-06023**

Unit **San Arroyo**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 24, 19 **63**

San Arroyo Unit

Well No. **23** is located **690** ft. from **N** line and **3030** ft. from **E** line of sec. **30**

1/4 Sec. 30

(1/4 Sec. and Sec. No.)

166

(Twp.)

26N

(Range)

Salt Lake

(Meridian)

San Arroyo Field

(Field)

Utah

(County or Subdivision)

Utah

(State or Territory)

The elevation of the **surface** above sea level is **5000** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill this well with rotary tools to a depth sufficient to test the Mancos Shale formation. Estimated total depth 3000'.

10-3/4" OD Surface Casing will be set at approximately 300' and cemented from bottom to top with approximately 300 sacks cement. 7" OD Casing will be set at top of Mancos formation estimated at 2600' and cemented with approximately 150 sacks. Well will be drilled in Mancos formation to estimated total depth of 3000', Mancos tested, and well completed.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**

Address **601 Denver Club Building**

Denver 2, Colorado

By **M. E. Brown**

M. E. Brown

Title **Division Chief Clerk**

COMPANY Sinclair Oil & Gas Company

Well Name & No. San Arroyo #23

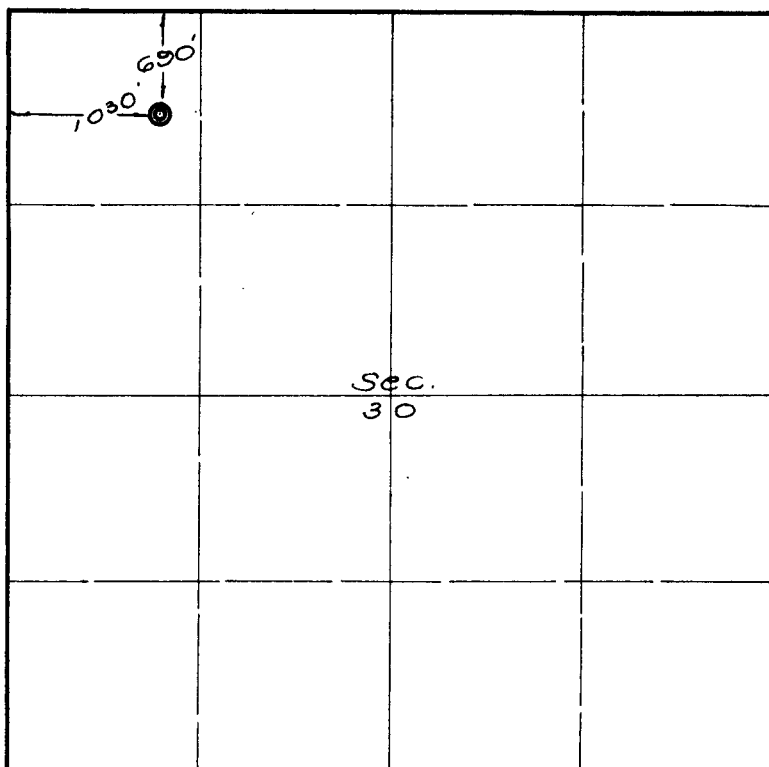
Lease No. U-06023

Location 690 feet from the North line and 1030 feet from the West line.

Being in NE 1/4

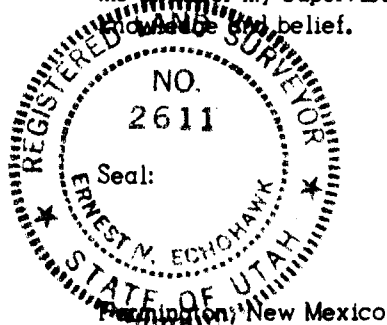
Sec. 30, T. ^{SO.}16, R. ^{EAST}26, ~~26~~, Salt Lake Meridian, Grand County, Utah.

Ground Elevation 5764



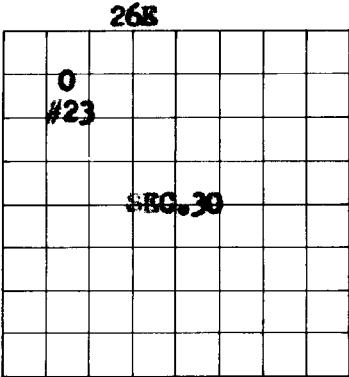
Surveyed June 15, 19 63

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
N. M. Reg. #1545
Utah Reg. No. 2611



(SHOW ALL MEASUREMENTS FROM SURFACE LEVEL)

ELEVATION: SURFACE 5764 RIG FLOOR -

LOCATION STAKED BY Ernest V. Bohonak DATE 6-15-63

DRILLING CONTRACTOR Arapahoe Drilling Company

KIND OF TOOLS USED, CABLE, FROM - - TO - -

ROTARY, FROM 0' TO 3950'

DATE DRILLING COMMENCED 7-1-63 COMPLETED 7-6-63

DATE COMPLETED TESTING 7-7-63 FIRST PRODUCTION Dry Hole

TOTAL DEPTH 3950 PBTD - METHOD OF PRODUCING Dry Hole

1ST 24 HRS. NATURAL AFTER SHOT OR ACID

24 HR. POTENTIAL AT COMPLETION OIL WATER CHOKE

ALLOWABLE PRODUCTION, PER DAY PER CALENDAR DAY

API GRAVITY OF CRUDE OIL @ 60° F. GOR

GAS WELL

TUBINGHEAD PRESSURE PSIG. KIND OF MUD USED DURING COMPLETION

VOLUME CU. FT.

DEVIATION TESTS: Did not exceed State of Utah, United States Geological Survey, or Company limits.

HOLE SIZE BEHIND OIL STRING CSG SIZE OF HOLE BELOW CSG.

CORE RECORD: None NUMBER OF CORES DEPTH LAB. NUMBER

WAS ELECTRICAL LOG MADE No TOP BOTTOM SERVICE CO.

WAS RADIO-ACTIVE LOG MADE No TOP BOTTOM SERVICE CO.

TEMPERATURE SURVEY None INDICATED TOP OF CEMENT

SET WHIPSTOCKS AT None SPECIAL CEMENTING JOBS

PRODUCING FORMATIONS	TOP	BOTTOM	THICK.	PRODUCING FORMATIONS	TOP	BOTTOM	THICK.
1ST Dry Hole				5TH			
2ND				6TH			
3RD				7TH			
4TH				8TH			

PERFORATION REPORT:

DATE	NO. HOLES	DEPTH	TO	SHOT	PRESENT STATUS
None					

SHOT REPORT—COMPANY	DATE	QUARTS	SIZE & LENGTH	ANCHOR	SHOT BETWEEN
1. None					FT. FT.
2.					FT. FT.

TREATED — ACID — FRACTURES, ETC.

FROM	TO	TYPE TREATMENT	GALLONS OR BARRELS	SAND POUNDS	LOAD - BBLs.	MAX. & MIN. PRES.	NET OIL REC.
FT.	FT.						
FT.	FT.						
FT.	FT.	None					
FT.	FT.						
FT.	FT.						
FT.	FT.						
FT.	FT.						
FT.	FT.						
FT.	FT.						

CASING, TUBING AND SUCKER RODS

CASING IN WELL				AMOUNT PULLED				NOW IN WELL			
SIZE O.D.	NEW WEIGHT S. H. PER FT.	FEET	SET AT DEPTH	GRADE, KIND, RANGE	THREAD	SACKS CEMENT	DATE	SIZE	FEET	WEIGHT PER FT.	FEET
9-5/8	32.30	327	327	H-40 SS R-2	8-R	300					327

26 East

e/23		
Sec. 30		

16 South

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake

Lease No. U-06023

Unit San Arroyo

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY <u>Setting casing</u>
NOTICE OF INTENTION TO ABANDON WELL	<u>I</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROYO UNIT

July 6, 19 63

Well No. 23 is located 690 ft. from N line and 1030 ft. from W line of sec. 30

NW/4 Sec. 30 16 South 26 East Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

San Arroyo Grand County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the surface above sea level is 5764 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 7:30 p.m. 7/1/63. Drilled to 327'. Run 10 jt (326') 9-5/8" OD 32.3#
Casing, set at 327', ground meas., Cemented with 300 sacks cement, 2% CaCl,
Plug down 1:30 p.m. 7/2/63.
7/3/63 - Tested casing at 500 # 1/30 min.. O.K. Drilling ahead.

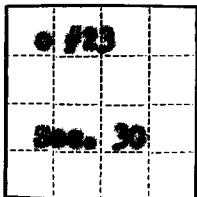
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By M. E. Brown
M. E. Brown
Title Div'n. Clerk



168

(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

at Bureau No. 42-R358.4.
rm Approved.

Land Office **Salt Lake**
Lease No. **U-06023**
Unit **San Arroyo**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

San Arroyo Unit

July 8, 19 **63**

Well No. **23** is located **690** ft. from **N** line and **1030** ft. from **W** line of sec. **30**

N 1/4 Sec. 30
(1/4 Sec. and Sec. No.)

168
(Twp.)

26E
(Range)

Salt Lake
(Meridian)

San Arroyo
(Field)

Grand
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ **surface** above sea level is **5764** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

PLUGGED AND ABANDONED AS PER VERBAL APPROVAL MR. D. F. RUSSELL TO MR. E. E. SANDERS 7-6-63.

7-6-63 3950' TD @ 5:30AM 7-6-63 Dusted all the way.

7-7-63 3950' Layed Down DC 8-I. 2 1/2 hrs.

7-8-63 3950' Ran LP to 2900'. Flowed dry. ~~REMARK~~ No oil or gas. Flowed well from 2900' to 3950' @ 120' intervals. No oil or gas. Mudded up well. Set 20 sx out plug 1850-1790', 25 sx plug 146-295', 10 sx plug 15' to Surface. Rel rig 12:05 AM 7-8-63. COMPLETED DRY HOLE 7-8-63

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**

Address **601 Denver Club Building**

Denver 2, Colorado

By **Morris E. Brown**

Title **M. E. Brown
Division Chief Clerk**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER _____
UNIT **SAN ARROYO**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field SAN ARROYO
The following is a correct report of operations and production (including drilling and producing wells) for the month of JULY, 19 63, SAN ARROYO UNIT
Agent's address 601 Denver Club Building Company SINCLAIR OIL & GAS COMPANY
Denver 2, Colorado Signed Morris E. Brown
Phone AMhurst 6-2461 Agent's title DIVISION CHIEF CLERK

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
MANCOS SHALE FORMATION										
SE/4 - Lease #W-0369										
SEC 25	16S	25E	21	15	21	33.3	-	-	-	7
NW/4 - Lease U-06023										
Sec. 30	16S	26E	23	-	-	-	-	-	-	Dry hole - P&A. 7-8-63.
Spudded 7:30 p.m. 7-1-63. Set 9 5/8" OD csg @ 327 w/300 sacks cmt. 7-2-63. Drilled & tested Mancos every 30'. Dusted all way. Drld to TD 3950'. Set 2 1/2 hrs, ran DP to 2900', blow well dry, tested f/2900'-3950' @ 120' intervals, no show of oil or gas. Mudded well, set 20 sx cmt plug 1850-1790', 25 sx cmt plug 346-395', 10 sx cmt plug 15' to surface. COMPLETED DRY HOLE 7-8-63.										

Note.—There were 183.33 runs or sales of oil; 0 M cu. ft. of gas sold
0 runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

October 15, 1963

Sinclair Oil & Gas Company
601 Denver Club Building
Denver, Colorado

Attention: M. E. Brown, Division Chief Clerk

Re: Well No. San Arroyo Unit #23
Sec. 30, T. 16 S, R. 26 E.,
Grand County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this Commission as required by our rules and regulations.

If you did not run electric logs on this well, please make a statement to that effect in order to keep our records accurate and complete. Thank you for your cooperation in this request.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp



SINCLAIR OIL & GAS COMPANY

601 DENVER CLUB BUILDING

DENVER 2, COLORADO

October 15, 1963

DENVER DIVISION

Utah Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attention: Clarella N. Peck

RE: San Arroyo Unit Well No. 23
Sec. 30-16S-26E
Grand County, Utah

Gentlemen:

In reply to your letter of October 15, 1963, please be advised that there were no electric logs or radio-active logs run on San Arroyo Unit Well No. 23. ✓

If any additional information is required please advise.

Yours very truly,

M. E. Brown

M. E. Brown

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE
(Other instruct. on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

1-0400

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Arroyo

8. FARM OR LEASE NAME

San Arroyo

9. WELL NO.

21

10. FIELD AND POOL, OR WILDCAT

San Arroyo Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 30-16S-26E, SLN

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER (Dry Hole)	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Sinclair Oil & Gas Company	8. FARM OR LEASE NAME San Arroyo
3. ADDRESS OF OPERATOR 601 Denver Club Building, Denver, Colorado 80202	9. WELL NO. 21
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 690' from North line and 1030' from West line, Section 30-16S-26E.	10. FIELD AND POOL, OR WILDCAT San Arroyo Field
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30-16S-26E, SLN
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5766 GR	12. COUNTY OR PARISH Grand
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well drilled to T.D. 3950', and no shows of fresh water, oil or gas were encountered.
Formation tops: Castlegate 135', Mancos Shale 540', Dakota Silt 3990'.
Spotted 20 sk cut plug 1850-1790', 25 sk cut plug 346-295', 10 sk plug 15' to surf.
Intervening spaces filled with heavy mud. Set regulation pipe marker and cleaned
location. COMPLETED DRY HOLE, AND P & A 3-8-63.

Plugged and abandoned per verbal approval of Mr. D. F. Russell to Mr. E. E. Sanders,
7-6-63.

18. I hereby certify that the foregoing is true and correct

SIGNED

M. E. Brown
M. E. Brown

TITLE Chief Office Clerk

DATE 1-21-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: